

microphones & acoustic systems

founded 1928 by Georg Neumann

M 300

Studio Microphone

versatile applicable for
high quality recordings

- condenser microphone
- cardioid
- small diaphragm capsule
- PE diaphragm
- transistor pre-amplifier
- phantom powering P48



Options and accessories

Windscreen, anthracite	W 20	Order-No. 202401
Popscreen, black	P 110	Order-No. 600097
Foam disk, black, spare part		Order-No. 600168
Microphone holder, Ø 21 mm, dark bronze	MH 93.1	Order-No. 202303
Microphone holder, Ø 21 mm, black	MH 22	Order-No. 302350
Elastic suspension, dark bronze	EH 93 P	Order-No. 202358
Table stand, black	MF 90	Order-No. 202341
Elastic suspension, black	INV 6	Order-No. 600122
Double mount, dark bronze	TD 93	Order-No. 202332
Mic-bar, black	KS 25	Order-No. 202398
Spacer, black		Order-No. 600180

Technical data M 300

CE Certificate

Polar pattern	Cardioid	
Acoustic operating principle	Pressure gradient transducer	
Frequency range	20 ... 20.000 Hz	
Sensitivity at 1 kHz	12 mV/Pa	
Output impedance	100 Ω	
Noise level	CCIR 468-4	25 dB
	DIN EN 60651	14 dB-A
Signal-to-noise ratio (re 1 Pa at 1 kHz)	CCIR-weighted	69 dB
	A-weighted	80 dB
Max. SPL for K < 0,5 %	147 dB	
Dynamic range of electronics	133 dB	
Current consumption (P 48, DIN 45596, IEC 268-15)	3,8 mA	
Output connector	XLR3M, goldplated contacts	
Weight without MH 93.1	126 g	
Dimensions (L x $\varnothing$)	130 mm x 21 mm	
Finish	dark bronze	

Frequency responses M 300

